

PATENT SPECIFICATION



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PROVISIONAL SPECIFICATION.

**Improvement relating to Incandescent Electric Hand Lamps,
primarily Intended for Road Traffic Signalling, but applicable
also for other usages.**

I, ROBERT JESSE RODD, a British subject, of The Old House, Church Street, Walton-on-Thames; do hereby declare the nature of this invention to be as follows:—

This invention has reference to an incandescent electric hand lamp primarily intended for road traffic signalling, but applicable also for other usages, or for functioning as a general utility light.

Broadly, the invention consists in a small incandescent electric lamp adapted to be worn on the back of a motor car driver's hand to illuminate the back of said hand so that the signals or warnings, i.e. the movements of the driver's hand are clearly visible, means being provided whereby a direct light from the lamp can be used for viewing or inspecting various parts of the car, or objects thereon or for other viewing purposes.

According to the invention, the device consists of a band-like member, which may be elastic or of the known flexible spiral spring type, or of any other convenient arrangement of band, adapted to encircle the hand and take between the thumb and fore-finger thereof, and on said band there is affixed, detachably or otherwise, a small incandescent electric lamp, a push, tumbler or other switch being arranged on said band in a position convenient to the thumb of the hand, the leads from the switch being conveniently carried to a dry battery on or in the drivers jacket or elsewhere.

Hingedly connected, in any suitable manner to the base or socket of the lamp

is a dome or other convenient shaped reflector adapted to enclose or cover over said lamp, the base of said dome being positioned a convenient distance from the band aforesaid, the top of the dome being fitted or not with a red glass panel.

On switching "on" the light, the back of the driver's hand is, by the reflector, fully illuminated so that the movements of the driver's hand are readily perceived, a red light, if the reflector is fitted with the red glass panel aforesaid, being also visible.

In the event of the driver wishing to look at or inspect, say, objects on the dashboard of the car, he swings the hingedly mounted reflector from over the lamp, thus allowing as he moves his hand about, of the direct rays of light from the lamp falling on to the object to be viewed.

A small dry battery could be carried in the pocket and connected by leads to the lamp, or it could be supported on the hand under the elastic band. In this latter event the lamp might be mounted directly on the battery. The lamp could, also, take its current from any other available source, through suitable flexible leads.

Dated this 8th day of November, 1926.

KINGS PATENT AGENCY LIMITED.

By BENJ. T. KING,

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Registered Patent Agent,
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Agents for Applicant,

[Price 1/-]

COMPLETE SPECIFICATION.

Improvement relating to Incandescent Electric Hand Lamps,
primarily Intended for Road Traffic Signalling, but applicable
also for other usages.

I, ROBERT JESSE ROOD, a British subject, of The Old House, Church Street, Walton-on-Thames, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

My invention, which relates to incandescent electric hand lamps adapted to be attached to the hand, has for its object the provision of a hand lamp primarily intended for road signalling, but applicable also for other usages, or for functioning as a general utility light.

Broadly, the invention consists in a small incandescent electric lamp adapted to be worn on the back of an automobile driver's hand to illuminate the back of said hand, direct outward rays being shaded, so that the signals or warnings, i.e. the movements of the driver's hand are very clearly visible, means being provided whereby the shade may be moved aside in order that a direct light from the lamp can be used for viewing or inspecting various parts of the car, or objects thereon, or for other viewing purposes.

The invention is illustrated by the accompanying drawing, wherein:—

Figure 1 is a view showing the lamp in position on the back of a driver's hand.

Figure 2 is a view, partly in section, of said lamp shown detached.

Figures 3 and 4 are views, taken at right angles to one another, illustrative of a modified arrangement of lamp.

In carrying out the invention, and referring to Figures 1 and 2 of the drawings, the device consists of a band-like member *a*, which may be elastic, or of the known flexible spiral spring type, or of any other convenient arrangement of band, adapted to encircle the hand *b* and take between the thumb *c* and forefinger *d* thereof. On said band *a* there is affixed, detachably or otherwise, and in any convenient manner, a small incandescent electric lamp *e*, a push, tumbler or other switch *f* being arranged on said band *a* in a position convenient to the thumb *c* of the hand *b* aforesaid, the leads *g* from said switch *f* being con-

veniently carried to a small dry battery, not shown in the drawings, on or in the driver's jacket or elsewhere. In electric lamps adapted to be strapped to the hand such a switch arrangement is known.

To the base or socket *h* of the lamp *e* aforesaid there is hingedly connected, in any suitable manner, a dome or other convenient shaped shade and reflector *i* adapted to normally endorse or cover over said lamp *e*, the base *j* of said reflector *i* being positioned a convenient distance from the band *a* aforesaid, the top of the dome or reflector *i* being fitted or not with a red glass panel *k*.

Referring now to Figures 3 and 4 of the drawings, it will be seen that the reflector *i* is hingedly connected to two oppositely disposed arms *m* upstanding from a springy split sleeve *n* which is slidably, rotatably and removably mounted on the socket or base *h* carrying the bulb *e*.

This arrangement provides not only for the easy removal of the bulb *e* by simply pulling the sleeve *n*, and with it the reflector *i* from off the socket or base aforesaid, but also, by reason of the reflector *i* being hingedly mounted on the sleeve *n* which is rotatable, of the rays of light being directed, in any direction, on to the objects to be viewed, and also, by the reflector being positioned farther away from the hand, for the greater illumination of the back of the hand.

On switching "on" the light, the back of the driver's hand *b* is, by the reflector *i* aforesaid, fully illuminated, so that the movements of the driver's hand *b*, when signalling, are readily perceived, a red light, if the reflector *i* is fitted with the red glass panel *k* aforesaid, being also visible.

If the driver wishes to look at or inspect, say, objects associated with the car or elsewhere, he swings the hingedly mounted reflector *i* from over the lamp *e*, as shown in dot-and-dash lines in Figure 2 of the drawings, thus allowing, as he moves his hand about, of the direct rays of light falling on to the object to be viewed.

The dry battery can be carried in the pocket and connected by leads to the lamp, or said battery could be supported

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on the back of the hand under the elastic or other band. In this latter event the lamp might be mounted directly on the battery. The lamp, could, also take its
 5 current from any other available source, through suitable flexible leads.

Having now particularly described and ascertained the nature of my said invention and in what manner the same
 10 is to be performed, I declare that what I claim is:—

1. An incandescent electric hand lamp, primarily intended for road traffic signalling, but applicable also for other
 15 usages, characterized in that it consists of a small incandescent electric lamp adapted to be worn on the back of a motor car driver's hand, direct outward rays being shaded, to illuminate the back
 20 of said hand so that the signals or warnings, i.e. the movements of the driver's hand are clearly visible, the shading device being movable at will so that a direct light from the lamp can be used
 25 for viewing or inspecting various parts of the car, or objects thereon, or for other viewing purposes.

2. An incandescent electric hand lamp, primarily intended for road
 30 traffic signalling, but applicable also for other usages, characterized in that it consists of a band-like member, elastic or otherwise, adapted to encircle the hand and take between the thumb and fore-

finger thereof, a small incandescent elec- 35
 tric lamp detachably or otherwise affixed to said band, a switch on said band in a position convenient to the thumb of the hand, a dome or other convenient shaped reflector adapted normally to enclose or
 40 cover over said lamps, the base of said reflector, which is hingedly connected to the base or socket of the lamp, being positioned a convenient distance from the band aforesaid, and that the top of
 45 the reflector or dome is fitted or not with a red glass panel.

3. A modification of the incandescent electric hand lamp claimed in Claim 2, characterized in that the reflector is
 50 hingedly connected to two oppositely disposed arms upstanding from a springy split sleeve slidably, rotatably and removably mounted on the socket or base of the lamp as herein described. 55

4. Incandescent electric hand lamps, primarily intended for road traffic signalling, but applicable for other usages, as herein described and in accordance with the accompanying sheet of drawings. 60

Dated this 7th day of January, 1927.

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[This Drawing is a reproduction of the Original on a reduced scale.]

